

CLAIMS

1. An agent for improving intraperitoneal carbonyl-stress state during peritoneal dialysis, comprising a carbonyl compound-trapping agent as an active ingredient.
2. The agent of claim 1, wherein the carbonyl compound-trapping agent is immobilized on an insoluble carrier.
3. The agent of claim 1, wherein the carbonyl compound-trapping agent is to be mixed with a peritoneal dialysate.
4. The agent of any one of claims 1 to 3, wherein the carbonyl compound-trapping agent is selected from the group consisting of aminoguanidine, pyridoxamine, hydrazine, biguanide compound, SH group containing compound, and derivatives of these.
5. The agent of any one of claims 1 to 3, wherein the carbonyl compound-trapping agent is an agent inhibiting Maillard reaction.
6. The agent of claim 1, wherein the carbonyl compound-trapping agent is a compound insoluble in peritoneal dialysates and capable of adsorbing carbonyl compounds.
7. A cartridge used for trapping carbonyl compounds within peritoneal dialysates, wherein the cartridge is filled with the carbonyl compound-trapping agent(s) of claim 2 and/or claim 6.
8. A method for preparing a peritoneal dialysate having a reduced carbonyl compound content, the method comprising passing the peritoneal dialysate through the cartridge of claim 7.
9. A method for preparing a peritoneal dialysate having a reduced carbonyl compound content, the method comprising:
- (a) contacting the peritoneal dialysate with the carbonyl compound-trapping agent(s) of claim 2 and/or claim 6, and
 - (b) separating the peritoneal dialysate from the carbonyl compound-trapping agent.
10. A peritoneal dialysate comprising a carbonyl compound-trapping agent.
11. The peritoneal dialysate of claim 10, wherein the peritoneal dialysate further comprises a reducing sugar, and is placed in a container comprising a first compartment and a second compartment so that the first compartment contains the reducing sugar and the

second compartment contains the carbonyl compound-trapping agent.
12. The peritoneal dialysate of claim 10, wherein the carbonyl compound-trapping agent is to be administered into the intraperitoneal cavity.

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